

Coast Guard, DHS

§ 160.005-3

No. 191—Textile Test Methods.
No. 751A—Stitches, Seams, and Stitchings.

(3) Military Specification:

MIL-W-530F—Webbing, Textiles, Cotton,
General Purpose, Natural and in colors.
MIL-R-2766B—Batt, Fibrous Glass, Life-
saving Equipment.

(b) *Plans*. The following plans, of the issue in effect on the date life preservers are manufactured, form a part of this subpart:

Dwg. No. 160.005-1:

- (Sheet 1) Cutting Pattern and General Arrangement (Adult).
- (Sheet 2) Alternate Stitching of Tapes and Webbing (Adult and Child).
- (Sheet 3) Pad Detail (Adult).
- (Sheet 4) Cutting Pattern and General Arrangement (Child).
- (Sheet 5) Pad Detail (Child).

(c) *Copies on file*. Copies of the specifications and plans referred to in this section shall be kept on file by the manufacturer, together with the certificate of approval. They shall be kept for a period consisting of the duration of approval and 6 months after termination of approval. The Coast Guard plans may be obtained upon request from the Commandant, U.S. Coast Guard. The Federal specifications and standards may be purchased from the Business Service Center, General Services Administration, Washington, DC 20407. The Military specifications may be obtained from the Commanding Officer, Naval Supply Depot, 5801 Tabor Avenue, Philadelphia, Pa. 19120.

[CGFR 53-25, 18 FR 7862, Dec. 5, 1953, as amended by CGFR 65-16, 30 FR 10897, Aug. 21, 1965; CGD 78-012, 43 FR 27153, 27154, June 22, 1978; CGD 88-070, 53 FR 34535, Sept. 7, 1988]

§ 160.005-2 Size and model.

Each life preserver specified in this subpart is a:

- (a) Model 52, adult, 46 ounces fibrous glass; or
- (b) Model 56, child, 30 ounces fibrous glass.

[CGD 72-163R, 38 FR 8118, Mar. 28, 1973]

§ 160.005-3 Materials.

All components used in the construction of a life preserver must meet the applicable requirements of subpart 164.019 of this chapter and the following

requirements apply to individual components:

(a) *Fibrous glass*. The fibrous glass shall be all new material complying with the requirements of Specification MIL-B-2766.

(b) *Envelope*. The life preserver envelope, or cover, shall be made of cotton drill. The color shall be Indian Orange, Cable No. 70072, Standard Color Card of America, issued by the Textile Color Association of the United States, Inc., 200 Madison Avenue, New York, N.Y., or Scarlet Munsell 7.5 Red 6/10. The drill shall be evenly dyed, and the fastness of the color to laundering, water, crocking, and light shall be rated "good" when tested in accordance with Federal Test Method Standard No. 191, Methods 5610, 5630, 5650, and 5660. After dyeing, the drill shall be treated with a mildew-inhibitor of the type specified in paragraph (j) of this section. The finished goods shall contain not more than 2 percent residual sizing or other nonfibrous material, shall weigh not less than 6.5 ounces per square yard, shall have a thread count of not less than 72 in the warp and 54 in the filling, and shall have a breaking strength (grab method) of not less than 105 pounds in the warp and 70 pounds in the filling. If it is proposed to treat the fabric with a fire-retardant substance, full details shall be submitted to the Commandant for determination as to what samples will be needed for testing.

(c) *Tunnel strip*. The tunnel strip shall be made of cotton drill conforming to the requirements for the envelope cover.

(d) *Pad covering*. The covering for the fibrous glass pad inserts shall be flexible vinyl film not less than 0.006 inch in thickness meeting the requirements of specification L-P-375 for Type I film. Type II, Class 1 film not less than 0.008 inch in thickness will also be acceptable.

(e) *Tie tapes and drawstrings*. The tie tapes at the neck and the lower drawstrings shall be made of 1¼-inch cotton tape weighing not less than 0.3 ounce per linear yard, and having a minimum breaking strength of 200 pounds. The tie tapes and drawstrings